

AMT00-001

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In the claims:

Please cancel claims 3, 8, and 13.

Please amend the following claims:

1(amended). A process for forming a hollow article, comprising:

providing a mixture of metal and ceramic powders, lubricants, and binders, that form a feedstock;

using a disposable material forming a first molded part that has an outer surface;

through powder injection molding of the feedstock, forming a second molded part

that is in contact with said outer surface;

disposing of the first molded part through vaporization or ash-free combustion ; and

heating the second molded part whereby sintering occurs and said hollow article is formed.

6(amended). A process for forming a hollow article, comprising;

providing a mixture of metal and ceramic powders, lubricants, and binders, that form a feedstock;

providing tooling that is able to injection mold from a first barrel into a first mold and from a second barrel into a second mold;

using a disposable material injected from the first barrel into the first mold, forming

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a first molded part that has an outer surface;

through powder injection molding of the feedstock from the second barrel into the second mold, forming a second molded part that is in contact with said outer surface;

disposing of the first molded part through vaporization or ash-free combustion; and

heating the second molded part whereby sintering occurs and said hollow article

is formed.

11(amended). A process for forming a hollow article, comprising;

providing a mixture of metal and ceramic powders, lubricants, and binders, that form a feedstock;

providing first and second tooling, one being able to injection mold from a first barrel into a first mold and one being able to injection mold from a second barrel into a second mold;

in the first tooling, using a disposable material injected from the first barrel into the first mold, forming a first molded part that has an outer surface;

transferring the first molded part to the second tooling;

in the second tooling, through powder injection molding of the feedstock from the second barrel into the second mold, forming a second molded part that is in contact with said outer surface;

disposing of the first molded part through vaporization or ash-free combustion; and

heating the second molded part whereby sintering occurs and said hollow article